Shimbol M5

Shimbol M5 5.5-inch On-Camera Field Monitor User Manual

Model: M5

1. INTRODUCTION

Thank you for choosing the Shimbol M5 5.5-inch On-Camera Field Monitor. This professional monitor is designed to enhance your filming experience with its high-resolution touchscreen, advanced monitoring tools, and robust aluminum construction. This manual will guide you through the setup, operation, and maintenance of your new device, ensuring optimal performance and longevity.

2. WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present:

- Shimbol 5.5" On-camera Field Monitor x1
- Carry Case x1
- Tempered Screen Protector x1
- HDMI Cable x1
- Micro HDMI Cable x1
- Hot Shoe Mount x1
- User Manual x1
- Color Box x1

Packing List

Figure 1: Included accessories and components in the Shimbol M5 package.

3. PRODUCT FEATURES

The Shimbol M5 monitor offers a range of features designed for professional video production:

- **High-Resolution Touchscreen:** A 5.5-inch 1920x1080 IPS touchscreen with 1200 nits brightness ensures clear visibility even under direct sunlight.
- **Professional Color Calibration:** Achieves 100% REC 709 color calibration with a low Delta E of 0.6 for accurate color reproduction.

- **Custom 3D LUTs:** Built-in 8 original De-log LUTs and support for loading up to 99 custom LUTs via USB.
- **Durable Aluminum Design:** Constructed from aviation-grade aluminum, offering a lightweight (278g) yet robust body with a fanless, passively cooled design for quiet operation.
- **Advanced Monitoring Tools:** Includes Focus Peaking, False Color, Exposure, Check Fields, RGB Adjustments, Histogram, Vectorscope, Anamorphic Ratio, and Mask functions.
- **Intuitive UI:** Features a new icon-based user interface for easy touch control and quick access to functions.

3.1 Display and Color Accuracy

Figure 2: The 1200 nits bright touchscreen ensures excellent visibility even in bright outdoor conditions.

Professional color calibration for accurate color reproduction

100% REC 709   Delta-E 0.6

Figure 3: Professional color calibration ensures accurate and true-to-life color reproduction.

3.2 Robust and Lightweight Design

Aviation aluminum design slim and lightweight

All-aluminum body with integrated cutting process, not only lightweight but also incredibly durable,With power consumption as low as 3.5W and a fanless design, it operates quietly.

278g
Weight

26.5mm
Thickness

Figure 4: The monitor's aviation aluminum design provides durability while maintaining a slim and lightweight profile.

4. SETUP

4.1 Powering the Monitor

The Shimbol M5 monitor can be powered using either an NPF battery (not included) or a DC power source. Insert a fully charged NPF battery into the battery slot on the rear of the monitor, or connect a compatible DC power adapter to the DC input port.

4.2 Mounting the Monitor

The monitor features a 1/4"-20 thread at the bottom for versatile mounting options. Use the included hot shoe adapter to mount it directly onto your camera's hot shoe, or attach it to a tripod or gimbal setup.

4.3 Connecting to a Camera

Connect your camera or video source to the monitor using the provided HDMI or Micro HDMI cables. The monitor supports HDMI input for video signals up to 4K 30p. For audio monitoring, connect headphones to the 3.5mm stereo headphone jack.

5. OPERATING INSTRUCTIONS

5.1 User Interface and Navigation

The Shimbol M5 features an intuitive, icon-based touchscreen interface. Tap on icons to access various functions and settings. Swipe gestures may also be used for quick navigation.

Figure 5: The new UI design offers easy touch and quick access to desired functions for a smooth shooting experience.

5.2 Using 3D LUTs

The monitor comes with 8 built-in De-log LUTs. You can also load up to 99 custom 3D LUTs via the USB port. To access and apply LUTs, navigate to the LUT menu on the touchscreen. Select a preset LUT or import your custom LUT files.

Figure 6: The monitor's interface for selecting and managing 3D LUTs, offering creative possibilities.

5.3 Advanced Monitoring Tools

Utilize the professional monitoring tools for precise exposure and focus:

- **Focus Peaking:** Highlights in-focus areas to assist with critical focus.
- **False Color:** Displays exposure levels using a spectrum of colors.
- **Exposure:** Provides tools to evaluate image brightness.
- **Check Fields:** Helps with color calibration and consistency.
- **RGB Adjustments:** Fine-tune individual color channels.

- **Histogram:** Graphical representation of tonal distribution.
- **Vectorscope:** Displays color saturation and hue.
- **Anamorphic Ratio:** De-squeezes anamorphic footage.
- **Mask:** Applies various aspect ratio masks.

Figure 7: Examples of professional monitoring tools available on the Shimbol M5, including RGB settings, oscillogram, false color, and mask.

6. MAINTENANCE

6.1 Cleaning

To clean the monitor screen, use a soft, lint-free cloth, preferably the dusting cloth included in the package. For stubborn smudges, lightly dampen the cloth with water or a screen-safe cleaning solution. Avoid using harsh chemicals or abrasive materials that could damage the screen or casing.

6.2 Storage

When not in use, store the monitor in its carry case to protect it from dust, scratches, and impacts. Keep the monitor in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

7.1 No Power

- Ensure the NPF battery is fully charged and correctly inserted, or that the DC power adapter is securely connected and providing power.
- Check the power button to ensure it is pressed.

7.2 No Video Signal

- Verify that the HDMI or Micro HDMI cable is securely connected to both the camera and the monitor.
- Confirm that the camera is outputting a video signal and is set to the correct output resolution.
- Try a different HDMI cable to rule out cable issues.

7.3 Touchscreen Unresponsive

- Restart the monitor by powering it off and on again.
- Ensure the screen is clean and free of debris.
- If a screen protector is installed, ensure it is properly applied and not interfering with touch functionality.

8. SPECIFICATIONS

Feature	Specification
Screen Size	5.5 Inches
Resolution	1920 x 1080 (FHD 1080p)
Image Brightness	1200 nits
Aspect Ratio	16:9
Screen Surface Description	Glossy
Color Calibration	100% REC 709 / Delta-E 0.6
Power Consumption	3.5 to 6.5W

Feature	Specification
Power Supply Method	NPF / DC
Item Weight	1.98 pounds (approx. 0.9 kg)
Package Dimensions	5.91 x 3.94 x 2.36 inches
Manufacturer	Shimbol
Model Number	7c9556cb-fe50-4264-9122-566fb21640d5

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Shimbol website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Shimbol Official Website: Visit the Shimbol Store on Amazon